



Entry Approved
LDN 2/1/07

AMENDMENT UNDER 37 C.F.R. § 1.116
U.S. Application No. 10/724,234

Attorney Docket No. Q78613

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A method for determining an axle geometry by recording and evaluating a single graylevel image or a single color topographical image of a face of a wheel fitted to an axle, the method comprising:

projecting light, which is spread over an area with a coding spread over the area onto the face of the wheel the face to be evaluated, wherein a coding is projected with the light, from a projecting direction;

recording the light reflected from the face of the wheel with an opto-electronic image converter as a topographical single graylevel image or a single color image, from a direction other than the light projecting direction;

determining three-dimensional surface coordinates for the topographical image of the face of the wheel from the recorded light of at least substantially the entire face to be evaluated from said single graylevel image or said single color image using triangulation; and

evaluating the said single graylevel image or said single color topographical image in relation to a reference system.